

Remarks

Applicants gratefully acknowledge removal of the Examiner's objections to the specification and the Examiner's removal of objections to claims 1-6. Applicants also gratefully acknowledge the indication of allowable subject matter in claims 4 and 6.

Claims 1-3 and 5 are rejected under 35 U.S.C. §102(b) as being anticipated by Swank (U.S. 5,233,432). The Examiner contends that Swank discloses the elements claim 1 and specifically contends that Swank discloses an implosion prevention tension band (134 of Fig 3) for a cathode ray tube (10, Fig 1) having an evacuated envelope (15) including a faceplate with a substantially flat viewing area (18), extending to a peripheral rearwardly extending side wall (20) and forming an inside blend radius at the corner from the viewing faceplate (18) to the side wall (20), the side wall having corners with a given radius of a curvature (Fig 1, Fig 3). The tension band (134 of Fig 3) comprising a band surrounding the faceplate panel having a width extending rearwardly from near the viewing faceplate (18) to at least half the distance between a rear edge of inside blend radius to rear edge of the side wall (21 of Fig 1) and a plurality of tension adjusting features (overlapping portions 136, and openings 150, lines 9-18 of column 4) formed in a rear section of the tension band (134) aft of the inside blend radius (Fig 3).

Applicants respectfully request reconsideration and withdrawal of this rejection. Swank discloses a shrink fit band disposed around the periphery of a panel to apply a compressive force to the panel. The shrink fit band is formed from a strip of metal wherein one edge, clearly shown in the figures as being positioned towards the front of the faceplate panel is folded over to create an overlapping portion that extends at least partially along a tube contacting portion to provide a double thickness of material increasing the effective cross sectional area of the band. These types of shrink fit bands were specifically discussed

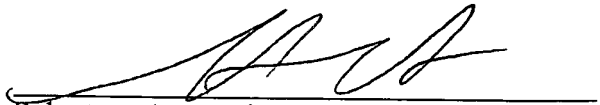
in the Background of the Invention Section of the present Patent Application as being a conventional folded tension band system having inherent problems of being difficult to manufacture. See page 2, last paragraph of the Background of the Invention Section. The invention as recited in claim 1, however, requires that the tension adjusting features be formed in a rear section of the tension band aft of the inside blend radius. Tension adjusting features in a rear section of the tension band are neither taught nor suggested by Swank in U.S. Patent No. 5,233,432. In order to clarify claim 1, certain amendments have been made to better define the front and rear sections of the tension band. Since the references of record do not teach nor suggest such tension adjusting features located in a rear section of the tension band located aft of the inside blend radius, the rejection of claim 1 is respectfully overcome.

Applicants request examination of new claims 8-13. Claim 8 is considered to be in condition for allowance because the prior art fails to teach or suggest a cathode ray tube having an evacuated envelope including a faceplate panel with a substantially flat viewing faceplate extending to a peripheral rearwardly extending sidewall and forming an inside blend radius from the viewing faceplate to said sidewall, said sidewall having corners with a given radius of curvature, and an implosion prevention tension band having mounting lugs fixed to said faceplate panel by a surface of said tension band, said tension band comprising a single layer band surrounding said faceplate panel and having a width extending rearwardly from near said viewing faceplate to at least half the distance between a rear edge of said inside blend radius and a rear edge of said sidewall, and a plurality of tension adjusting features formed in a rear section of said tension band located aft of said inside blend radius and at a position apart from said mounting lugs. Claims 9-13 depend from independent claim 8. Because independent claim 8 is considered to be in condition for allowance for the reasons set forth herein, claims 9-13 are also considered to be in condition for allowance.

Applicants request reconsideration of the Application and passage thereof to issue.

Respectfully submitted,

Swank et al, Applicants

A handwritten signature in black ink, appearing to read 'SA', is written over a horizontal line.

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